

CSWC Operational Period Summary

0600 December 21 2015 to 1800 December 21 2015



A mudslide closed State Route 70 near the Butte-Plumas County line in the early morning hours on Monday, December 21st.

Photo Credit: Caltrans

Note: [Report updates are in blue](#)



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

SITUATION SUMMARY

Highway 70 Closure, Butte and Plumas Counties

A mudslide occurred today on Highway 70 in the Feather River Canyon, east of Belden in Plumas County.

- Hard closures are at Caribou Road and Rich Bar Road. Emergency vehicles can pass through.
- Caltrans is advising it will need a geographical survey and estimated time of closure is two to three days.
- No impact to rail lines as the slide occurred on the opposite side of the Feather River.

Water Distribution System, City of Shafter, Kern County

- Per the Inland Duty Officer at 0840 hours on 12/21/15: The City of Shafter issued 5,000 boil notices and have utilized their reverse 911 system to notify the residents. The contamination has curtailed and/or caused approximately 60 restaurants to close. The City of Shafter activated their EOC and Inland Region IDO has made contact with their EOC manager. No requests for State assistance at this time. They have secured a contract with Sparklets to purchase bottled water for their residences. Delivery to begin on Monday 12/21/15. The State Water Board and Kern County Public Health and Environmental Health will identify the contamination and perform additional testing today and work on remediation strategies.

Cal EOC Incident – 2014 Drought

- SOC / Inland REOC remains activated in support of 2014 Drought

SITUATION SUMMARY

Weather of Concern

Humboldt, Del Norte and Mendocino Counties

- Light to moderate rain will continue overnight. Rain will decrease to only showers on Tuesday. Another cold system will bring chances for rain to coastal areas and snow to the interior Wednesday night into Thursday.
- All main stem rivers are rising sharply and expected to peak this evening...Overnight...Or during the day tomorrow. Currently the mad river at Arcata...Eel river at Fernbridge...Van Duzen river at Bridgeville...And the Russian river near Hopland are expected to reach monitor stage.

San Francisco/Monterey Bay

- Light to moderate rain over the San Francisco Bay Area will continue through much of the evening and spread southward over the Central Coast through the overnight hours. Rainfall will be locally heavy at times, especially over the North Bay Mountains, coastal ranges and East Bay Hills.
- Substantial rainfall possible over the North Bay Mountains, coastal ranges and East Bay Hills.
- Strongest wind speeds will be over the North Bay and East Bay Hills/Mountains.
- King Tides will impact the region Tuesday through Thursday.

Central California

- Multiple storm systems have begun impacting the Central California Interior. The Monday – Tuesday storm is expected to bring the most impacts to the region with up to two feet of snow in the Sierra, rain to the San Joaquin Valley, and the threat of mudslides/debris flows in susceptible areas. The second storm will arrive on Thursday and has the potential to be the coldest storm system of the year.
- Major passes impacted include the Grapevine and Tehachapi Pass
 - 25-35 mph winds with gusts up to 55 mph.
 - Potential for mud/debris flows
 - Hazardous travel conditions

Active Weather Warnings, Watches and Advisories by County:

http://www.wrh.noaa.gov/sto/brief/wwa_bc_cal.php



Precipitation Forecast: Burn Scars

Monday - Tuesday



2 Day Precipitation Total

- **MODERATE** potential for debris flows at indicated burn scars in the Sierra Nevada Mountains
- Forecast rain rates during this wet period may meet criteria for debris flows and may cause **elevated stream flows**
- Snow levels will be between 5500-6500 feet

Valley,
Rocky,
Jerusalem
1-3"

King,
American
4 - 6"

Butte
3 - 5"

Rim
2 - 5"

Active Winter Weather Products

**Snow Level
7,000 ft**

**Begins: Mon 10 am PST
Ends: Tue 4 pm PST**

1-2 ft

8-15 in

**Begins: Mon 4 pm PST
Ends: Tue 4 pm PST**

6-10 in

0 in

**Winter Storm
Warning**

**Winter Weather
Advisory**

**Winter Storm
Watch**

**Snow Amounts through
Wednesday morning**

Updated: 2:13 PM PST

SITUATION SUMMARY

River Forecast

- Multiple forecast points are anticipated to reach monitor stage on the North Coast early Tuesday morning, 12/22/15.
 - Monitor Stage: Mad River at Arcata, Eel River at Fernbridge, Van Duzen River at Bridgeville, [Russian River at Hopland](#), [Sacramento River at Rio Vista](#) and the [Sacramento River at Tisdale Weir](#)
 - The California-Nevada River Forecast Center (CNRFC) will switch to 24-hour staffing today and continue into Tuesday as conditions warrant.
- In addition to the regular forecasts issued at 0900 and 1500 hours, forecasts for the North Coast will be issued at the following times:
 - Today, December 21 at 2100 hours and Tuesday, December 22 at 0300 hours.
- Based on these forecasts, FOC staff will update river recordings and make High Water Notification Calls as needed.
- The Flood Operations Center (FOC) will evaluate the need to send support to the Eureka Flood Center in anticipation of extended work hours or requests for assistance. Bulletins for all other forecast areas will be issued on the regular schedule of 0900 and 1500 hours daily (0900 hours daily on weekends) unless conditions warrant otherwise.
- No requests for assistance have been received at this time.

WEATHER

Flash flood watch for Sierra Nevada burn scars Monday-Tuesday afternoon

Forecast Confidence: **Moderate**

Potential Impacts:

- Potential for debris flows over burn scars of the Sierra Nevada foothills/mountains
- Potential for elevated stream flows on small creeks and streams
- Urban flooding possible from clogged storm drains
- Snow levels rising to 6500 feet today and remaining there through Tuesday

American Fire Areas of Concern:

- Drainages, roads, trails and structures within the burn area.
- Affected Basin: The upper portion of the North Fork of the Middle Fork of the American River basin downstream to Ralston Afterbay. This includes Secret Canyon, Black Canyon and east through Deep Canyon.
- Roads and Trails: Foresthill Road between Westville and Robinson Flat. Deadwood Road South of Westville. Western States Trail.

King Fire Areas of Concern:

- Persons traveling in the King fire burn area especially around Eleven Pines Road, Ellicot Crossing Bridge, Jaybird Access Road, Forebay Road and other local roads within and in close proximity to the burn area should be alert for probable road problems due to flooding, rock and debris flows. Large portions of these routes are located in the severely burned areas of the King Fire. Rivers and creeks of particular concern include the Rubicon River, Silver Creek and South Fork American River Basins. Severely burned areas have limited capacity to absorb large amounts of rainfall, leading to increased runoff.

Butte Fire Areas of Concern:

- Anyone living or traveling on roads in the Butte Fire Burn area along Jesus Maria Creek and the Calaveras River, especially from Whikey Slide to Highway 26, should be alert for probable road problems due to flooding, rock and debris flows. Additional areas of concern include Railroad Flat Road, Mountain Ranch Road and the connecting smaller roads within the Butte Fire burn area. Large portions of the area have been severely burned. These areas no longer absorb any rainfall, which may lead to enhanced runoff and possible debris flows.

WEATHER

Rim Fire Ares of Concern:

- Drainages, roads, trails and structures within the burn area.
- Hetch Hetchy, Cherry Lake and Lake Eleanor are on the east side of the burn area. These lakes and dams are part of an extensive infrastructure to provide San Francisco City and County with their power and water needs. The watersheds above these lakes are outside of the burn area, but the delivery system is inside the burn area.
- **Granite Creek** is basin of high concern for debris flow and flooding.
- Tuolumne County has a concern regarding hunters within burn area during rain storms.
- **Roads of Concern:** Cottonwood Road, USFS Road 3N01, Cherry Lake Road and Lumpston Road

Timing and Strength:

- Rain increasing in intensity later this morning and lasting through the night (see QPF forecast for each fire below for timing/amount)
- **American and King fires:** heaviest rainfall expected from 10 am today-4 am Tuesday; accumulations around 4 inches by 4 am
- **Butte and Rim Fires:** heaviest rainfall expected from 4 pm today - 4 am Tuesday; accumulations around 2 inches

The Sacramento NWS and the CA/NV River forecast center will be monitoring and issue any short fused warnings as needed.

WEATHER

WEATHER SYNOPSIS BY REGION:

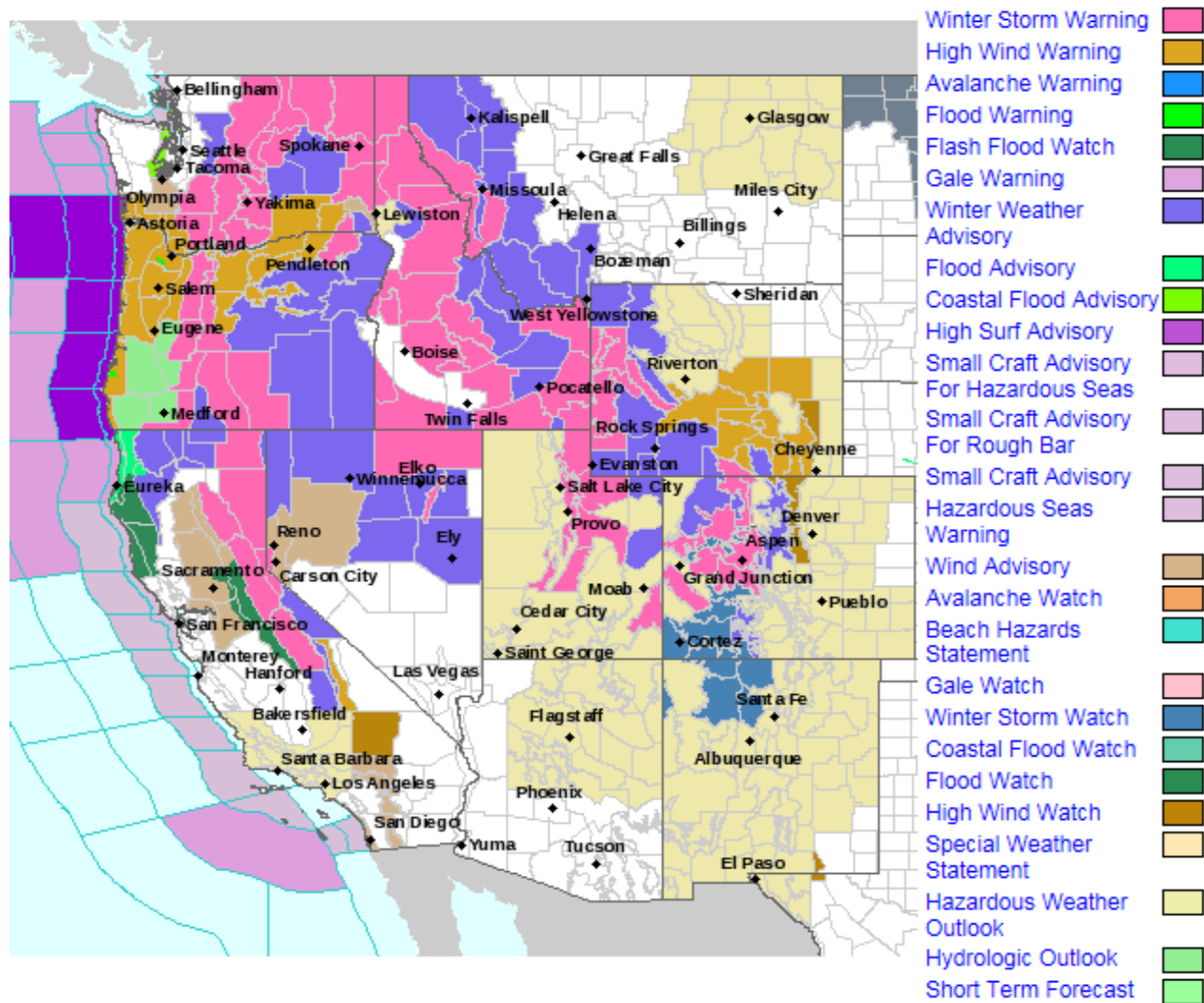
NORTHERN CALIFORNIA

The wet weather is continuing and the next frontal system is now moving into the area. This system will be followed rapidly by another system tonight and early Tuesday. Rain today and early Tuesday turning to showers Tuesday afternoon. Snow levels will rise today to 4000 to 5000 in the north and around 6000 feet in the south. Gusty south winds will occur this afternoon and evening. Wednesday the areas from Redding south will be partly cloudy to partly sunny. To the north of Redding skies will be partly cloudy to cloudy with showers. Snow levels will be 3500 to 4000 feet. Wednesday night and Thursday a cold low pressure trough drops southward along the coast and moves across Northern California Thursday afternoon. Precipitation will spread over the area Wednesday night and Thursday with showers late Thursday afternoon and evening. This is a cold storm and snow levels will be 1000 to 1500 feet north and 2000 to 2500 feet south (Plumas County). Gusty southwest winds late Wednesday and Thursday shifting to the north Thursday night. Friday and Saturday a high pressure ridge will be along the coast. (see map below). The north state will be partly to mostly sunny with gusty north winds in some areas. Cold nights are expected in the wind sheltered valleys. Sunday another frontal system will bring light precipitation to the north state.

SOUTHERN CALIFORNIA

Short term (today-Christmas)...Moisture streaming over the top of the eastern pacific ridge into California but without much in the way of triggers for precipitation. It's pretty much a west/northwest flow pattern which is not favorable for orographic south of Point Conception except the Eastern San Gabriel Mountains. North of there precip. will fall but very light, much as it's been today with amounts under a tenth of an inch. The air mass is very warm so no snow expected tonight. Northwest winds will be increasing tonight and wind advisories will be posted for the mountains and Antelope Valley through mid day Wednesday. We might need some for coastal areas on Tuesday as well. Rain chances will start to diminish Tuesday afternoon as the moisture shifts south and east and winds veer more to the north. Lingering upslope precip. still possible near the grapevine area through early Wednesday but snow levels still mostly above 6000 ft. Dry and pleasant most areas Wednesday except for some breezy winds at times especially in the mountains. We should get some north wind down into the valleys but below advisory levels. A colder storm will move into the area Thursday into early Friday but this one has been trending weaker in terms of precip. potential due to it taking too much of an inside track. However, it will be much colder and there still could be some impacts over the grapevine by early Friday as snow levels drop to 3000 ft. or lower and increasing north flow generates lift up against the north facing slopes. Precip. chances for other areas, especially south of Point Conception, look pretty low at this time. Might get some isolated showers but very light amounts. Models show the system basically out of the area by Friday morning (except possibly the grapevine area) with clearing skies but very chilly temps on Christmas day.

STATE WEATHER MAP



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

FIRE ACTIVITY

Preparedness Levels

National Preparedness Level 1

Northern California

Preparedness Level 1, Multi-Agency Coordination System MACS Mode 2

Southern California

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 2

California Fire Potential & Weather Maps

Southern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

Northern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

California Fire Weather Map Watches and Warnings

<http://www.wrh.noaa.gov/firewx/main.php>

NWS California River Forecast Center:

<http://www.cnrfc.noaa.gov/>



CAL OES 2014 DROUGHT

Cal EOC Incident – 2014 Drought

- The SOC is activated in support of the Drought State of Emergency and continue to monitor the situation.
- The Governor issued Executive Order B-26-14 on 09/19/14, to streamline relief efforts for families with drinking water shortages due to drought, specifically through the California Disaster Assistance Act, to provide temporary water supplies to households without water for drinking and/or sanitation purposes.
- The Governor issued Executive Order B-29-15 on 04/01/15 which announced actions that will save water, increase enforcement to prevent wasteful water use, streamline the state's drought response and invest in new technologies to make California more drought resilient.
- CDAA 2014 Drought Fact Sheet and Frequently Asked Questions provided to Regions for reference and distribution.
- Cal OES Recovery continues to coordinate the Community Impacts Workgroup conference calls. Currently, the calls take place on alternating Wednesdays.
- Cal OES Recovery/Individual Assistance finalized an updated 2015 version of the drought brochure of programs and services for individuals, businesses, farmers, and ranchers. It has been put on the Governor's Drought webpage. State agencies may put the following link to the brochure on their webpage <http://ca.gov/drought/pdf/Drought-Assistance-Brochure-2015.pdf>
- Cal OES Regions (Inland, Coastal, Southern) collective OA drought call is facilitated by the SOC and will be held once per month.

CAL OES 2014 DROUGHT

Cal EOC Incident – 2014 Drought

Local Emergency Proclamations:

A total of 63 local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:

- 29 Counties: Butte, Colusa, Calaveras, El Dorado, Fresno, Glenn, Inyo, Humboldt, Kern, Kings, Lake, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Sonoma, Stanislaus, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 13 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of San Juan Bautista (San Benito County), City of Santa Barbara (Santa Barbara County), City of Rancho Cucamonga (San Bernardino County) and City of West Sacramento (Yolo County), City of Willits (Mendocino County), and City of Fort Bragg (Mendocino County).
- 9 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tule River Indian Tribe (Tulare County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.